

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/32858

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 76306 A (ERICSSON TELEFON AB L M) 11 October 2001 (2001-10-11) page 4, line 3 -page 7, line 19 page 13, line 13 -page 18, line 25	1,8,15
A	figures 5,11,12	2-7, 9-14, 16-26
A	US 6 157 668 A (GILHOUSEN KLEIN S ET AL) 5 December 2000 (2000-12-05) column 5, line 58 -column 6, line 52 column 10, line 65 -column 15, line 37 figures 1,3	1-26



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

21 February 2003

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28/02/2003

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0176306	A	11-10-2001	AU 4493201 A	15-10-2001
			WO 0176306 A1	11-10-2001
<hr/>				
US 6157668	A	05-12-2000	AU 694460 B2	23-07-1998
			AU 8096894 A	22-05-1995
			BR 9407896 A	19-11-1996
			CA 2173484 A1	04-05-1995
			CN 1133669 A ,B	16-10-1996
			EP 0722649 A1	24-07-1996
			FI 961446 A	29-05-1996
			JP 3290990 B2	10-06-2002
			JP 9507115 T	15-07-1997
			RU 2120198 C1	10-10-1998
			WO 9512297 A1	04-05-1995
			IL 111434 A	06-12-1998
			SG 52653 A1	28-09-1998
			US 5864760 A	26-01-1999
			ZA 9408133 A	17-05-1996
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